

# Dundee Sustainable Technologies Inc.

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## NEWS RELEASE

### Dundee Sustainable Technologies Updates on its Cyanide and Mercury-Free Gold Extraction Processes

MONTREAL, QUEBEC, April 30, 2014 – Dundee Sustainable Technologies Inc. (“DSTI”) (CSE: DST) the developer and owner of proprietary technologies to serve the natural resource sector with environmentally friendly procedures, is pleased to announce an update on its cyanide and mercury-free gold extraction processes.

#### Demonstration Plant

The Company commenced the building of a \$27 million demonstration plant located in Thetford Mines in the Province of Quebec in June 2013 and expects the plant to be commissioned before the end of the current year. Using the DSTI proprietary cyanide-free gold extraction process. The demonstration plant will handle concentrates at a rate of 15 tonnes per day. These DSTI technologies have been recognized as a “green technologies” for which DSTI has been awarded \$5,700,000 in grants to date for the construction of the demonstration plant of which \$700,000 has been provided by the Government of Quebec and \$5,000,000 by the Government of Canada through the Sustainable Development Technology Fund.

#### Successfully Demonstrated

DSTI's cyanide and mercury-free gold extraction process was successfully demonstrated in its Thetford Mines laboratory and pilot plant. A great variety of ores and concentrates from 22 different countries, totalling over 100 Tonnes of material and over 1 000 hours of operation, were tested. Gold recoveries were above 90% in all cases and above 95% in most cases.

DSTI's technology as utilized in its pilot plant have established, as supported by engineering studies, a gold extraction yield higher than 90% using a closed-circuit Bromine-assisted chlorination process.”

Sources	Type	Gold Grade (g/T)	Yield (%)
Canada (Quebec)	Ore	2.58 g/T	97.5 %
Canada (Quebec)	Ore	13.9 g/T	95.4 %
Canada (Ontario)*	Concentrate	55.3 g/T	94.0 %
Eastern Europe*	Concentrate	7.5 g/T	91.0 %
Canada (Quebec)*	Concentrate	53.5 g/T	94.1 %
Western USA*	Concentrate	382 g/T	97.7 %

\* Flotation concentrates requiring pre-treatment by oxidation

The pre-commercialization demonstration plant will have a capacity of 15 tonnes per day in order to assess on a pre-industrial scale DSTI's chlorination extraction technology under continuous operating conditions. The demonstration plant will serve as a reference for the establishment of full scale plants operating with the same technology.

## **About DSTI**

Over the last ten years DSTI has tested over 50 different gold deposits, both oxide and sulfide ores at the lab level and at its pilot plant. These tests have, consistently achieved gold recoveries in excess of 90%, using chlorination instead of cyanide. In addition, the tailings from the process are inert from toxic substances and as result meet environmental norms.

To date the Company has obtained 25 patents in 19 countries for its technologies for the extraction of precious metals and base metals as well as the neutralization of arsenic and production of fertilizer and has 14 pending patent applications worldwide for its technologies.

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Forward-looking statements are based on the expectations and opinions of the Corporation's management on the date the statements are made. The assumptions used in the preparation of such statements, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements. The Corporation expressly disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as required by applicable law. Depending on exploration results and available financing, the Corporation may at any point modify its work program.

*The Canadian Securities Exchange has in no way passed upon the merits of the proposed transaction and has neither approved nor disapproved the contents of this press release.*